

DATA-VERTER

EASE OF OPERATION

STEP 1. Operator uses a familiar input device, like an adding machine, linked to a digital recorder. At the same time he gets a hard copy print-out for his records. Operators like DATA-VERTER... make fewer errors while they record in machine language on reusable magnetic tape.



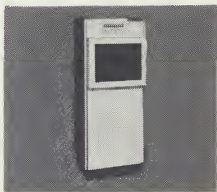
STEP 2. After data has been recorded, operator takes the tape cartridge out of the DATA-VERTER recorder, inserts it into the transmitter. Then he dials his number and verbally indicates that he has data to transmit. As a convenience, system can transmit unattended, by call from headquarters.



STEP 3. Operator clamps the phone onto the transmitter and switches to "TRANSMIT". Data is sent at 360 words a minute over an ordinary telephone... 3 to 15 times faster than conventional equipment... line charges are very low.



STEP 4. At your EDP center, data can be received by a DATA-VERTER central terminal on computer-compatible magnetic tape or paper tape — or as hard copy. Error-checking is included as a standard feature of the DATA-VERTER system.



If you have many remote locations and an Electronic Data Processing Center and are planning to install a new order entry/inventory reduction system, now is the time to learn more about the DATA-VERTER system. Call or write us today.



**DIGITRONICS
CORPORATION**

Albertson, L. I., New York • Telephone: (516) HT 4-1000

CAPTURED!



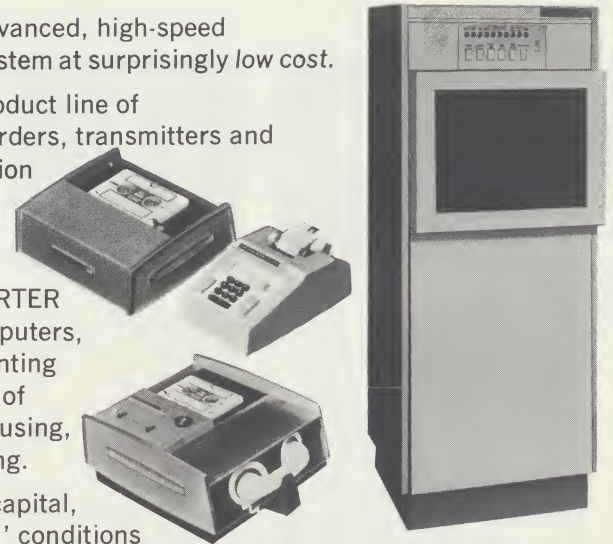
- DATA AT THE SOURCE
- RECORDED QUICKLY, EASILY
- IN MACHINE LANGUAGE
- TRANSMITTED SPEEDILY, ACCURATELY
- OVER REGULAR TELEPHONES
- TO CENTRALS IN COMPUTER FORMAT
- AT LOWEST COST PER TRANSACTION

THAT'S DATA-VERTER® BY DIGITRONICS!

Digitronics DATA-VERTER system is the advanced, high-speed source data acquisition and transmission system at surprisingly *low cost*.

DATA-VERTER is a complete, integrated product line of compatible, easy-to-use input devices, recorders, transmitters and receiving terminals (all warranted for precision performance). Combined, they provide today's most economical and versatile communications-oriented source data acquisition/transmission system. DATA-VERTER is compatible with all leading makes of computers, and offers maximum flexibility for implementing a "total" system and satisfies a wide variety of applications, including order entry, warehousing, inventory control and management reporting.

It can help reduce inventory, free working capital, reduce labor costs, eliminate "out of stock" conditions and reduce equipment and storage requirements. It is the most direct economical path from many remote locations to your data processing center.

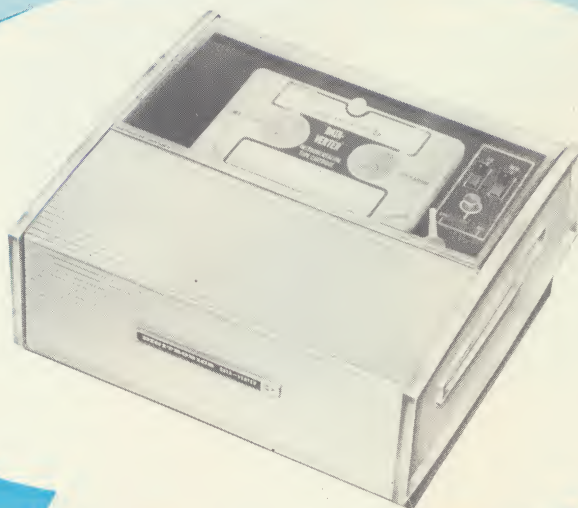


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TECHNICAL INFORMATION BULLETIN



DATA-VERTER[®] DIGITAL RECORDER MODEL D900

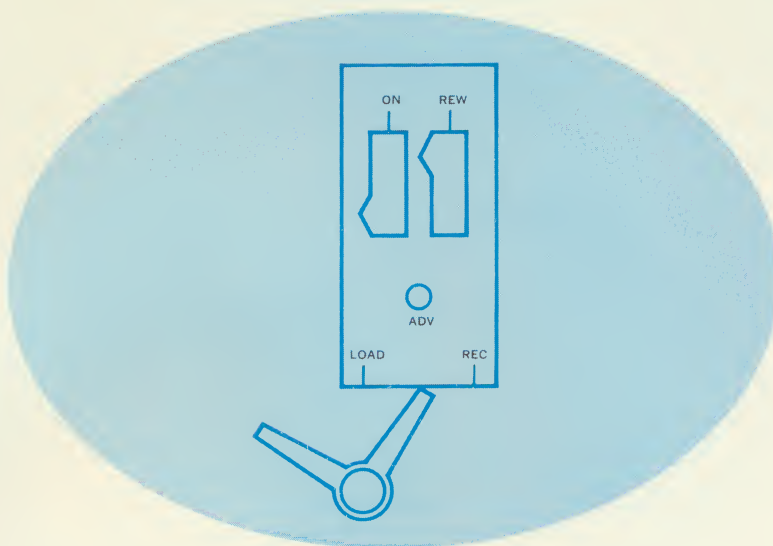
DATA-VERTER is a complete, integrated product line of compatible input devices, recorders, transmitters with acoustic couplers and receiving terminals. Combined, they provide today's most advanced, economical and versatile communications-oriented source data acquisition system.

DATA-VERTER offers maximum flexibility for implementing a "total" system and satisfies a wide variety of applications, including order entry, warehousing, inventory control and management reporting.

The DATA-VERTER Digital Recorder D900 is an incremental recorder which is cable-connected to any Data-Verter keyed input device. It consists of a magnetic tape transport which records digital information in a binary format. The re-usable magnetic tape is packaged in a compact cartridge for ease of handling. The recorded data will remain stored on the magnetic tape until that cartridge is reused in the recorder. The D900 operates in conjunction with the DATA-VERTER D800 acoustic transmitter for high-speed transmission of recorded data to an EDP Center over standard telephone facilities.



DATA-VERTER MODEL D900 SPECIFICATIONS



CHARACTERISTICS

- The standard tape cartridge contains 300 feet of 1.0 mil x ¼ inch mylar based sandwiched tape or equivalent. Two feet of initial non-recording colored leader is provided at beginning of each tape.
- An optional 550-foot capacity tape cartridge is also available.
- Recording of data is by incremental stepping of the tape cartridge when a character is electrically keyed by the input device.
- Approximately 14,000 characters may be written on the standard 300-foot tape cartridge. The optional 550-foot tape cartridge can accommodate approximately 26,400 characters.
- There are two recording channels on the magnetic tape. The first channel is a data channel and contains the recorded character written serially by bit. The second channel contains timing bits used for synchronizing the transmission of each character on a bit-by-bit basis for maximum reliability.
- Numeric data is written in ASCII code (four bits plus odd parity per character). Four bits allows a total of 16 unique characters to be written on tape.
- Data is recorded in very low densities, four characters per inch, under non-critical, broad tolerance techniques to insure maximum operational reliability.

SPEED

- The recording rate; up to a maximum of 20 characters per second.
- Tape cartridge is easily loaded or unloaded from the tape

transport. Mechanical interlocks prevent incorrect loading.

CONTROLS

- **On/Off Switch** — Controls power to the D900 recorder.
- **Mode Control Switch** — This switch has two positions; Load and Record.

LOAD — This position allows the cartridge to be entered or removed from the recorder.

RECORD — This position allows data to be recorded from the input device.

- **Advance Switch** — This is a push button switch which allows the tape to be advanced to the proper position for recording.

- **Rewind Switch** — A spring loaded switch allows the magnetic tape to be rewound to the start of tape before and after data recording. This switch can only be operated when the Mode Control Switch is in the Load position.

POWER REQUIREMENT

- 115 \pm 10 volts, single phase, 60 cycle AC from a 3-wire receptacle. The power cable is 8 feet long.

AUXILIARY CABLE

- A signal cable 6 feet long connects the Recorder to Input Device.

PHYSICAL DESCRIPTION

- **Dimensions:** 6 $\frac{3}{16}$ " high x 12 $\frac{3}{4}$ " wide x 12 $\frac{3}{16}$ " deep.
- **Weight:** 18 $\frac{1}{2}$ pounds.



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Albertson, Long Island, New York

Tel: (516) 484-1000